

WE CLAIM:

1. A computer-readable medium, comprising:  
a first component for interpreting a word-processor document stored as an XML file; and  
a second component for placing at least one marker within the word-processor document indicating at least one error selected from a grammar error and a spelling error.
2. The computer-readable medium of Claim 1, further comprising a third component for placing a proof state within the word-processor document.
3. The computer-readable medium of Claim 1, wherein the second component for placing the at least one marker within the word-processor document further comprises placing a start tag and an end tag within the word-processor document around the error.
4. The computer-readable medium of Claim 3, wherein placing the start tag and the end tag within the word-processor document around the error, further comprises placing a grammar start tag and a grammar end tag around the grammar error and a spelling start tag and a spelling end tag around the spelling error.
5. The computer-readable medium of Claim 2, wherein the third component for placing the proof state within the word-processor document, further comprises indicating when the word-processor document is in a clean state.
6. The computer-readable medium of Claim 2, wherein the third component for placing the proof state within the word-processor document, further comprises placing a spelling proof state property.

7. The computer-readable medium of Claim 2, wherein the third component for placing the proof state within the word-processor document, further comprises placing a grammar proof state property.

8. A method for indicating errors within a word-processor document, comprising:

interpreting a word-processor document stored as an XML file;  
placing a first marker within the word-processor document indicating a start of at least one error selected from a grammar error and a spelling error; and  
placing a second marker within the word-processor document indicating an end of the at least one error selected from the grammar error and the spelling error.

9. The method of Claim 8, further comprising placing a proof state within the word-processor document.

10. The method of Claim 9, wherein placing the first marker and the second marker within the word-processor document, further comprises placing a grammar start tag and a grammar end tag around any grammar error.

11. The method of Claim 9, wherein placing the first marker and the second marker within the word-processor document, further comprises placing a spelling start tag and a spelling end tag around any spelling error.

12. The method of Claim 9, wherein placing the proof state within the word-processor document, further comprises indicating when the word-processor document is in a clean state and a dirty state.

13. The method of Claim 12, wherein placing the proof state within the word-processor document, further comprises placing a spelling proof state property.

14. The method of Claim 13, wherein placing the proof state within the word-processor document, further comprises placing a grammar proof state property.

15. A system for indicating errors within a word-processor document, comprising:

a ML file output by a word processor that includes a first marker and a second marker indicating a start and end of at least one error selected from a grammar error and a spelling error; and

a validation engine configured to validate the ML file; and

an application configured to read a ML file created in accordance with a schema.

16. The system of Claim 15, wherein the ML file is an XML file.

17. The system of Claim 16, wherein the ML file further comprises a proof state.

18. The system of Claim 16, wherein the first marker and the second marker correspond to a grammar start tag and a grammar end tag.

19. The system of Claim 16, wherein the first marker and the second marker correspond to a spelling start tag and a spelling end tag.

20. The system of Claim 17, wherein the proof state, further comprises a clean state and a dirty state.

21. The system of Claim 20, wherein the proof state further comprises a spelling proof state property and a grammar proof state property.